

ABSTRACT OF THE DISCLOSURE

There is provided an information recording device for recording the recording information on a recording medium having a recording surface where recording can be performed optically. The information recording device includes a laser light source and a conversion optical system for converting the laser beam emitted from the laser light source into a planar laser beam having an optical flux cross section extending linearly. The information recording device further includes: one-dimensional space modulation means (3) for subjecting the planar laser beam to one-dimensional space modulation according to the recording information; and a recording optical system for applying the planar laser beam subjected to the spatial modulation, as a signal light (L_s) to the recording surface while applying a reference light (L_r) to the recording surface.